



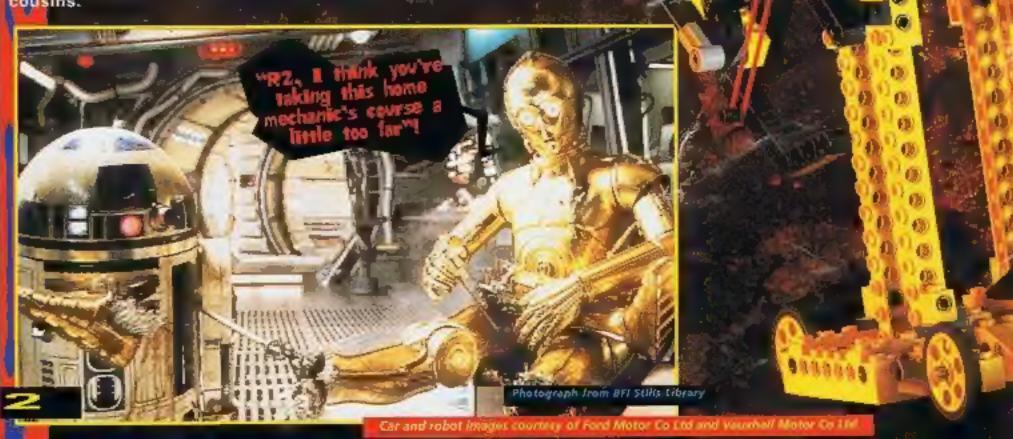
(8277) model is an ultra-cool science fiction creation, patrolling the future to keep the forces of evil at bay! But robots don't just belong in the imaginary world. They're a part of everyday life and help people to do all sorts of things!

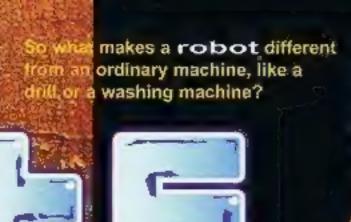
Robots - or intelligent
machines - are used to do tasks that
people would find repetitive or
dangerous, in fact, the name
'robot' comes from a Czech
word meaning 'forced labour'.

Car factories were among the first places to use robots and live do jobs like welding and painf and robots to work in radioactive areas which would be dangerous for people and the Army has remotely controlled robots

for bomb disposal.

But these robots don't look like the metal people of science fiction films. In fact, many of them are much more like their traditional mechanical cousins.





the complicated tasks people can carry out. And while these machines have some the problem-solving skills of people, they are not yet as clever as fictional robots, like Mr Data from Star Trek, who can list playing card games among his abilities!

It's really all about how intelligent' the device is rather than how it looks.

For hundreds of years people have built mechanical dolls in human form. The early ones were clockwork. are could pretend to do things: musical instruments.

But these dolls didn't carry out any real work, and were known as automata rather than robots.

> How robots look depends on the types of jobs they have to do. If they need to move, they will be equipped

tracks or wheels and if they have to pick things:

up

Robots like Data, or C3P0 in the Star Wars films,

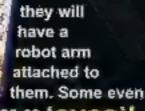
> properly be called 'androids' as they are made in android comes from a Greek

word, 'androeides' meaning 'man-like'. People have even imagined robots in the form of animals, like the robot dog, Preston, from the Wallace and Gromit film adventures!

But even with computer control, it will still be a long time before robots can really think for themselves unless you manage to make your own special adjustments to our LEGO

should more human form:

TECHNIC Robochopper!



have television cameras as 'eyes'!

Today's robots can follow sets of complicated instructions and work out which ones best fit the situation they are faced with - in effect, they are

"thin king" for themselves!

But it is only in this: century, with the development of computers, that machines have become

'intelligent' enough to do some of



Technic

TECHNIC Robochopper a trip around the Ford Motor Company's massive Dagenh im plant to see real robots at work!

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TUNNERS-UP HNIC Elacstatic Turbo drag racers

Just answer the following question

ROBOTS R2D2 and C3PO?

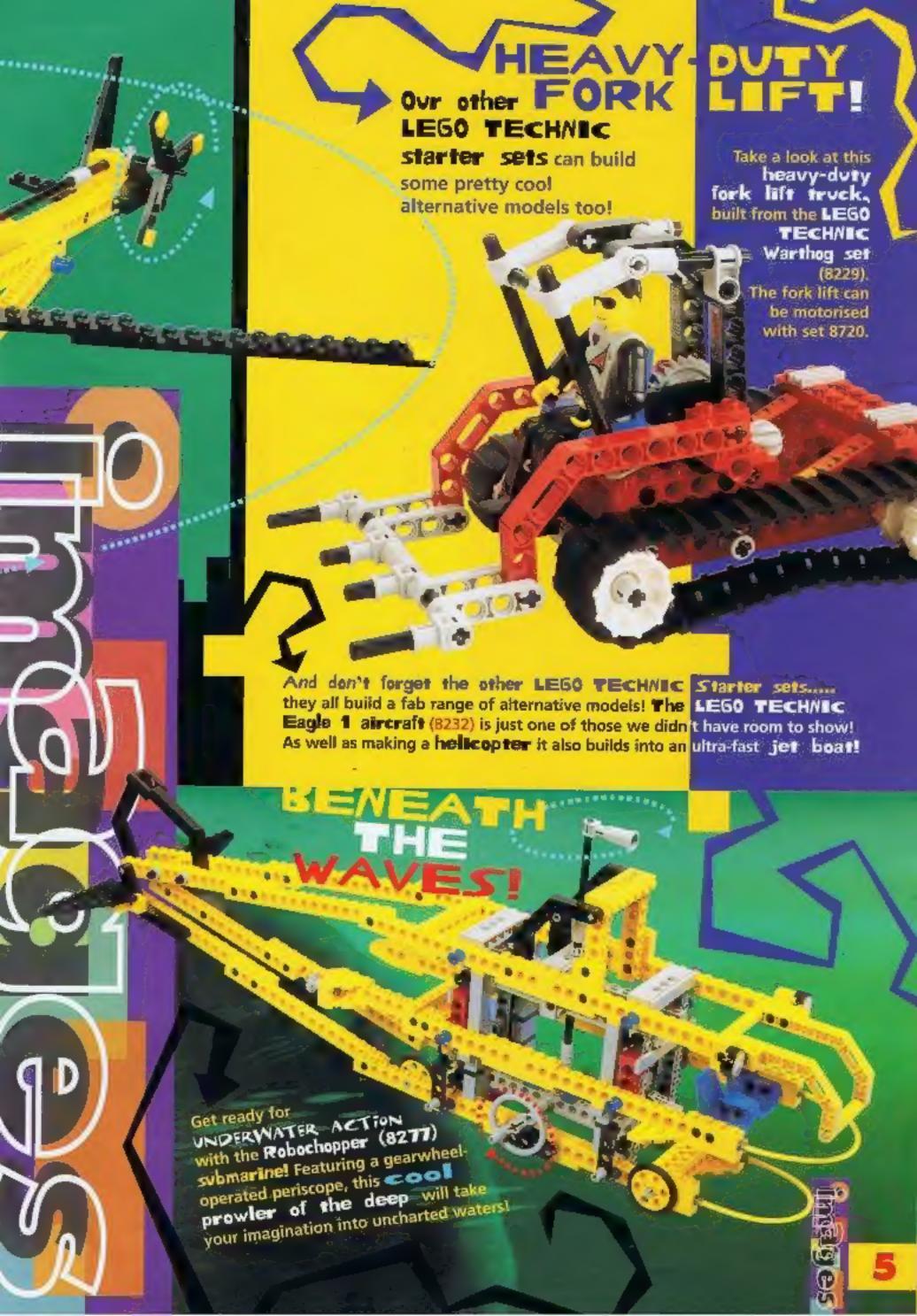
a) Star Trek b) Star Wars c) Stars in their Eyes

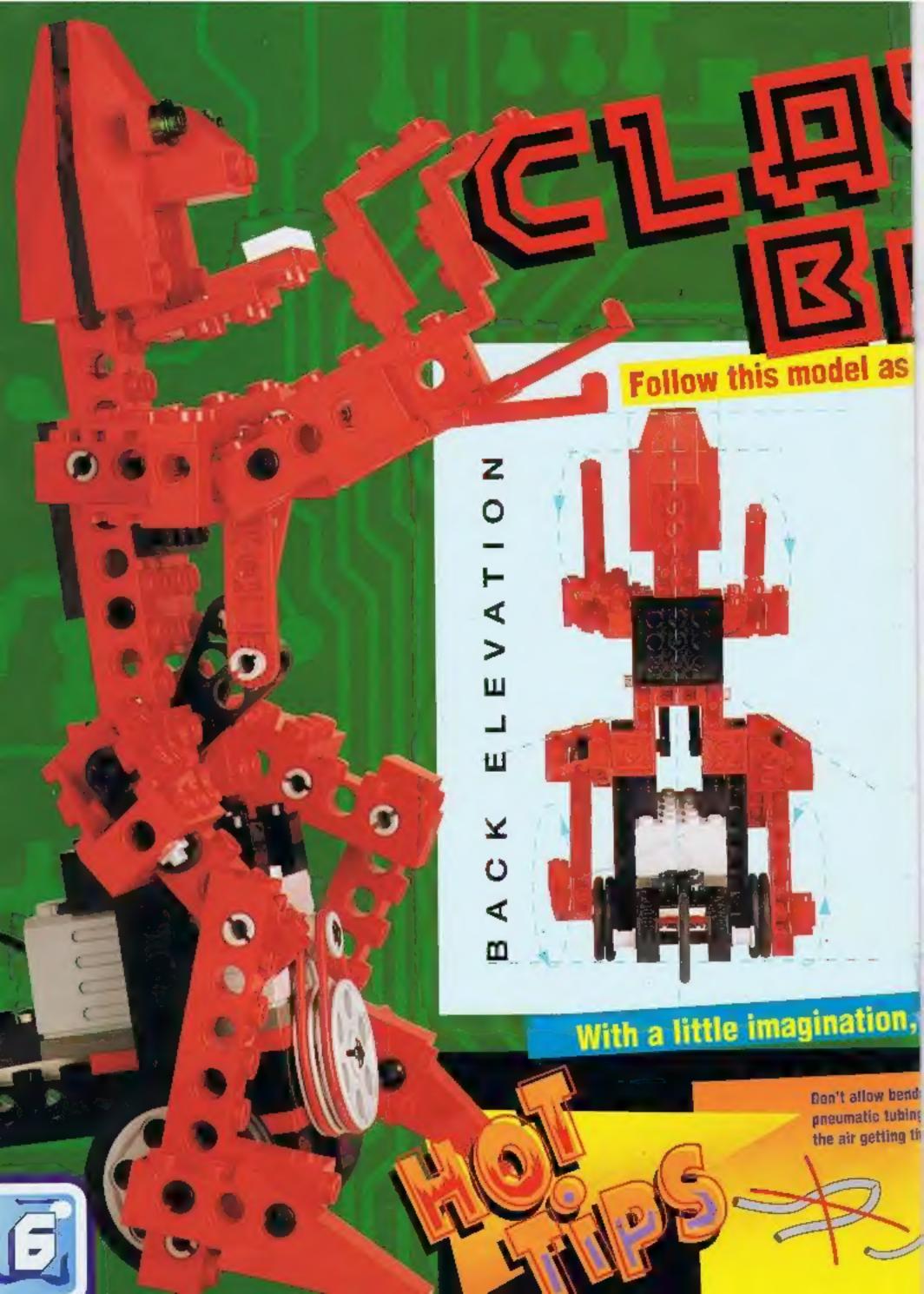
end your answer on a postcard ONLY to:

Robo-Comp, LEGO TECHNIC Magazine, LEGO UK Ltd, Wrexham LL13 7TQ

Remember to put your name, age, address and LEGO TECHNIC Club membership number on your







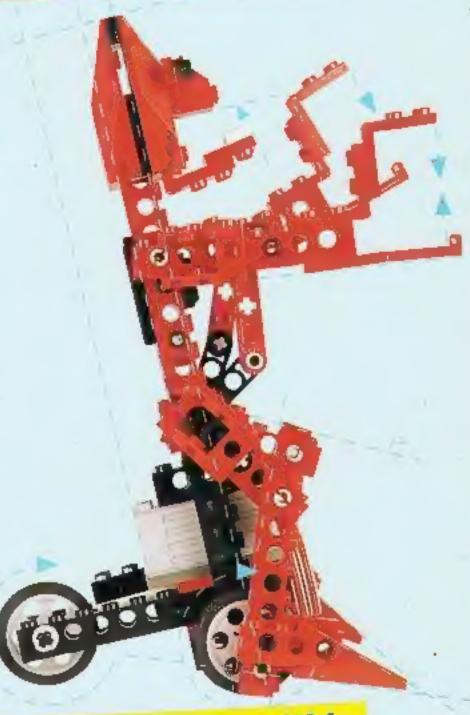


a basic guide

but don't worry if your model looks different.



SIDE ELEVATION



who knows what you can come up with!

to occur in this stops

When you are following building instructions, it is important to follow them exactly. If something is difficult to understand, flick over to the following pages to see how things are going to develop.

This may help you to see what you have to do.

Don't squeeze elements together on cross axles, or they will not move freely.





As you build your models, check all the different functions are working properly at regular intervals. You don't want to get to the final stage and then find out that nothing works!



When building your own models, try to use the elements you have in as many new ways as you can - just like a real engineer.



THE LEGO TECHNIC TEST CREW HAVE HAD ORDERS

RING TO GIVE THIS SUPER SLICK DESIGN THE SERIOUS



down his line again.
He's been doin' his been doin' his been doin' his buziness' - seeking out LEGO TECHNIC builders and sizing them up for LEGO TECHNIC MAGAZINE

Tring's identity is hidden from us. All we know is that he's a LEGO TECHNIC fanatic, hungry for any gen he can get on other LEGO TECHNIC builders. His phone calls could strike any one of you reading now!

So if you want him to pick you out, send in photographs of your favourite LEGO TECHNIC models for Tring's attention we'll make sure he gets them.

This month, Tring's shout goes out to Harry Trevor-Jones, from Much Wenlock, Shropshire.

Harry, tell us something about yourself.

Well, I'm 9 years old and apart from building with my LEGO, my other favourite hobbles are riding my bike and swimming. I also play football and rugby at school.

I like building with LEGO TECHNIC because it's a real challenge - and lots of fun too!

What are you building now?

Pive just got the LEGO TECHNIC Control Centre and I'm really excited about holiding it. It will be my biggest challenge yes! I'm also designing a LEGO Tanker which I'll also build soon.

What is your favourite

I don't have a favourite model, but I do like my racing car and I liked building the LECO Space Train.

I've also built models of my pet tarantula which I thought was best!

Where do you get your ideas from?

Well, my Dad helps me with some of my ideas, but I try to build things in everyday life.

My Mum and Ead bought me some LEGO bricks when I was very young. I guess I've been building LEGO all my life. I moved on to LEGO TECHNIC about 18 months ago.

That's all for now - but look out for the next issue when it could be you!

Watch this space!

Tring-

REMEMBER!

8

TRING needS PHOTOGRAPHS OF





HOW TO ENTER

- Use AS MANY of the LEGO TECHNIC clements (Illustrated below) as you can. We understand that you won't have everything, but try your best.
- 2. Your model MUST also include 2 GEAR WHEELS of any size or type.
- 3. As an EXTRA OF TION YOU CAN use 4 WHEELS, HUBS and TYRES . these can be of any size or type.
- 4. You can use AS MANY cross axise, connector page, half shafte, bushee, joggle joints, etc, as you like.

5. You can then add up to 6 ADDITIONAL ITEMS of your choice. For example, you may want to add extra gear wheele, a motor, pneumatics whatever you choosel

CAN YOU MEET THE CHALLENGE?

Once you've built your model following the Instructions, take a photo of it and send it to us at:

The LEGO Technic Building Challenge LEGO UK Ltd Wrexham LLI3 7TQ

But don't take your model apart as we'll need it if you are a winner!

REMEMBER

IT DOESN'T MATTER WHAT COLOUR THE FLIMENTS ARE IT'S THE DESIGN WE'RE LOUKING FOR



REMEMBER

YOU MUST INCLUDE 2 GEAR WHEELS OF ANY SIZE OR TYPE.
AS AN EXTRA OPTION, YOU
CAN USE 4 WHEELS, HUBS AND
TYRES - THESE CAN ALSO BE OF ANY STZE OF TYPE

See YOUR LEGO TECHNIC model featured in a future issue - as a Building Plan for other club members to build. You'll also win a great prize from the 1997 LEGO TECHNIC rangel

PRIZES

Ten runners-up will each get a

LEGO TECHNIC Building Challenge Certificate



MPORTANT LEGO sharp, clear

photos only please!



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ITEM DESCRIPTION PRICE					
22015 LEGO TECHNIC Cap	£1,95				
"Dare You Enter" T-SHIRT 22028 Youth size (34") 22029 Small Adult (36") 22030 Medium Adult (38") 22031 Large Adult (40")	£5.75 £6.75 £6.75 £6.75				
LEGO TECHNIC "Motorbike" T-SHIRT 22022 Youth Size (34") 22023 Small Adult (36") 22024 Medium Adult (38") 22025 Large Adult (40°)	£5.95 £5.95 £5.95 £5.95				
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